

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	6	("2507762"   "3326216"   "3393680").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/28 13:21
L7	49	("4462404").URPN.	USPAT	OR	OFF	2009/07/28 13:21
L8	970	locking with (grip vice pliers tweezers) with spring	USPAT	OR	OFF	2009/07/28 13:22
L9	185	l8 and (flat leaf) with spring	USPAT	OR	OFF	2009/07/28 13:23
L10	107	l8 and (flat leaf) near spring	USPAT	OR	OFF	2009/07/28 13:23
L11	33	((timothy near frank)(gove near james)).in.	USPAT	OR	OFF	2009/07/28 13:27
L12	40035	("2150496"   "2679779"   "2743726"   "2930376"   "3306143"   "3709226"   "0348537"   "4139245"   "4724838"   "4776533"   "5304185"   "5944718"   "6386076"   "0905007").PN'	USPAT	OR	OFF	2009/07/28 13:32
L13	2266	needle adj holder	USPAT	OR	OFF	2009/07/28 13:34
L14	1162	l13 and spring	USPAT	OR	OFF	2009/07/28 13:34
L15	160	l14 and (leaf flat) with spring	USPAT	OR	OFF	2009/07/28 13:35
L16	802952	l14 and (leaf flat) nera4 spring	USPAT	OR	OFF	2009/07/28 13:35
L17	145	l14 and (leaf flat) near4 spring	USPAT	OR	OFF	2009/07/28 13:35
L18	21	("0348537"   "0905007"   "2150496"   "2679779"   "2743726"   "2930376"   "3306143"   "3709226"   "4139245"   "4724838"   "4776533"   "5304185"   "5944718"   "6386076").PN. OR ("7470278").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/28 13:38
L19	234	(81/316,318-321,324).OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/28 14:36
L20	71	l19 and spring	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/28 14:36

L21	1487	"30"/\$.ccls. and (leaf flat) with spring	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/28 14:49
L22	1247	"30"/\$.ccls. and (leaf flat) near 4 spring	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/28 14:49
L23	866	l22 and handle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/28 14:50
L24	379	l23 and lock	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/28 14:50
L25	0	81/367,379	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/28 15:11
L26	162	(81/367,379).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/28 15:11
L27	554	(81/367-383).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/28 15:17
L28	392	l27 not l26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/28 15:18
L29	92	l28 and spring	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/28 15:18
L30	950	nail near clipper	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/28 15:22
L31	1101	nail near (cutter clipper)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/28 15:22
L32	1	l31 and spring with (flat leaf) with lock\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/28 15:23
L33	16	l31 and spring with lock\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/28 15:24
S1	1706	(606/205,206,210,208).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 12:57
S2	88	S1 and (spring with lock)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 13:02
S3	5	(vice adj grip) and (spring near lock)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 13:05
S4	9	("2532659"   "2711663"   "2853910"   "3958468"   "5014578"   "5233893").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/21 13:03
S5	3	("6227080").URPN.	USPAT	OR	OFF	2006/12/21 13:05

S6	3	("6227080").URPN.	USPAT	OR	OFF	2006/12/21 13:05
S7	18	(vice adj grip) and (spring with (leaf flat))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 13:06
S8	110	(vice adj grip) same pliers	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 13:07
S9	50	S8 and spring	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 13:12
S10	1069	pliers and (locking with mechanism)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 13:13
S11	782	S10 and spring	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 13:13
S12	480	S11 and (spring with lock\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 13:13
S13	90	S12 and ((flat leaf sheet) near spring)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 13:25
S14	487	locking near pliers	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 13:25
S15	262	S14 and spring	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 13:45
S16	104	locking near forceps	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 13:26
S17	218	(81/316,318-321,324).OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 13:46
S18	61	S17 and spring	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 13:54
S19	15	("2930376"   "4192314"   "5104397"   "5300082"   "5797956"   "5928263"   "5935126").FN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 12:08
S20	1	belleville near spring and (plier forcep)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 14:26
S21	216	(pliers forceps) and (coil near spring) and ((flat leaf) near spring)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 14:27
S22	147	S21 and lock\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 14:29

S23	66	(timothy near frank).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 15:14
S24	66	((james near grove).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/21 15:14
S25	1136	(pliers forceps) and ((leaf flat near spring)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 12:09
S26	946	S25 and (grip handle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/07 12:09
S27	564	S26 and jaw	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/07 12:09
S28	234	S27 and lock\$4 with spring	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/07 12:16
S29	1000	"606"/\$.ccls. and (needle near holder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/07 12:16
S30	654	S29 and spring	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/07 12:16
S31	217	S30 and spring with lock\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/07 12:17
S32	42	S31 and (spring near (flat leaf))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/07 12:17
S33	24	"4485953"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 13:15
S34	2	("4485953").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 13:19
S35	4	(pliers forceps) and ((leaf flat near spring) near lock	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 13:20
S36	51	(pliers forceps) and ((leaf flat near spring) with lock	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 13:30
S37	14	(vice near grip) and (snap\$4 pop \$4) same lock	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 13:35
S38	7177	(leaf near spring) and (pliers tweezers wrench clip)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 13:36
S39	2572	S38 and handle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 13:36

S40	63	S39 and (spring near lock)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 13:38
S41	111	vice adj grip same pliers	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 13:39
S42	50	S41 and spring	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 13:42
S43	274	endotracheal near tube and tapered and curved	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 14:36
S44	52	pliers and (leaf flat) with spring with lock	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/12 10:08
S45	160	wrench and (leaf flat) with spring with lock	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/12 10:10
S46	6	("2507762"   "3326216"   "3393680").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 10:11
S47	9	("2532659"   "2711663"   "2853910"   "3958468"   "5014578"   "5233893").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/12 10:11
S48	2	("4462404").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/12 12:29
S49	407	vice near grip	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/12 12:58
S50	8	S49 and (flat leaf) near spring	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/12 12:58
S51	157	S49 and spring	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/12 13:00
S52	18	S49 and (flat leaf) with spring	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/12 13:00
S53	116583	pliers (flat leaf) near spring	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/12 13:01
S54	629	pliers and (flat leaf) near spring	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/12 13:01
S55	244	S54 and lock	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/12 13:01
S56	40	(forcep twizzer) and (flat leaf) with spring	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/12 13:11
S57	345	(forcep twizzer) and spring	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/12 13:13

S58	129	S57 and lock	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/12 13:13
S59	1413	(pliers forceps) and spring with tension	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/12 13:15
S60	42	(pliers forceps) and spring with tension with lock	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/12 13:15
S61	3987	lock and pliers	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/12 13:17
S62	2293	S61 and spring	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/12 13:17
S63	390	S62 and (leaf flat) with spring	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/12 13:17
S64	116	S63 and (abut abutment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/12 13:17

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